Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: Construction of rooms and other civil works at Ambedkar Bhavan(Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

Est .Cost Rs.72.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	**Earth work excavation for foundation of building** water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications.**Page No. 5 / Item No. 2.4 of PWD SR 2018-19**								
	Passage	Cum	1	19.00	6.50	0.35	43.23		
	Passage b/n Ladies toilet & ambedka bhavan		1	5.75	1.05	0.30	1.81		
	Passage South side		1	24.15	1.15	0.25	6.94		
	Passage west side		1	13.90	1.15	0.60	9.59		
	Gate Coloum		2	1.95	1.95	1.50	11.41		
	Sanitory line		1	50.00	0.60	1.30	39.00		
	Sanitory line		1	52.05	0.60	0.60	18.74		
							130.72	**484.92**	**63386.74**
	Basic Rate	449.00							
	Area Weightage 8%	35.92							
	Total	**484.92**							
2	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. (Page No. 142/ Item No. 19.1/ PWD SR 2018-19)								
	RCC Drain front	cum	1	7.00	1.00	0.90	6.30		
	RCC Culvert at Road		1	9.00	1.80	1.20	19.44		
							25.74	**207.60**	**5343.62**
	Basic Rate	130.00							
	Loading and unloading charges	57.00							
	lead for earth 5 km	12.80							
	Area Weightage 6%	7.80							
	Total	**207.60**							
3	KSRB 4-1.2 : Providing and laying in position plain **cement concrete of mix 1:3:6 with OPC** cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS **(P.No. 13/I.No. 4.2 CSR 2018-19**								
	Ground Floor								
	Passage	Cum	1	19.00	6.50	0.15	18.53		
	Passage b/n Ladies toilet & ambedka bhavan		1	5.75	1.10	0.15	0.95		
	Passage South side		1	24.15	1.50	0.15	5.43		
	Passage west side		1	13.90	1.80	0.15	3.75		
	Kitchen		1	13.40	5.70	0.15	11.46		
	RCC Drain front		1	7.00	1.00	0.15	1.05		
	RCC Culvert at Road		1	9.00	1.80	0.15	2.43		
	Gate Coloum		1	1.95	1.95	0.15	0.57		
							44.17	**5650.00**	**249548.33**
	Basic Rate	5149.00							
	Deduct Cement cost as per SR -18-19	-1079.39	Note:- (220*490.63)/100=1079.39						
	Add Cement cost as per Issue rate	1161.86	Note:- (220*264.06)/100=1161.86						

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	Sub total	6211.48							
	Area Weightage 6%	418.52							
	Total	6630.00							
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs with 20mm and down size granite metal coarse aggregates at 0.86 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No 1500, 1700, 2200 including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No 37 59 2 F No 271 pwd 2018-19)									
	For Bottom Raft								
	RCC Drain front	Cum	1	7.00	1.00	0.15	1.05		
	RCC Culvert at Road		1	9.00	1.50	0.15	2.03		
	Gate Coloum footing		1	1.50	1.50	0.60	1.35		
	Gate Coloum Pedastal up to Gound level		1	0.60	0.60	1.05	0.38		
	For Wall								
	RCC Drain front		2	7.00	0.15	0.75	1.58		
	RCC Culvert at Road		2	9.00	0.25	0.90	4.05		
							10.43	**7189.42**	**74971.25**
	Basic Rate	6670.00							
	Deduct Cement cost as per SR -18-19 Page No V Sl No 123	-1471.89	Note - (300*490.63/100)=1471.89						
	Add Cement cost as per Issue rate	1584.36	Note - (300*264.06/50)=1584.36						
	Sub Total	**6782.47**							
	Area Weightage 6%	406.95							
	Total	**7189.42**							
5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size gradedgranite metal Coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, including cost ofall materials, labour, HOM curing complete as per specifications Specification No. KBS 4.1.4.2 Page No 13, PWD SR 2018-19								
	Flagging								
	Passage b/n Ladies toilet & ambedka bhavan	Cum	1	5.75	1.10	0.15	0.95		
	Passage South side		1	24.15	1.50	0.15	5.43		
	Passage west side		1	13.90	1.80	0.15	3.75		
							10.14	**5952.93**	**60335.96**
	Basic Rate	5422.00	Note - (240*490.63)/100=1177.51						
	Deduct Cement cost as per SR -18-19 Page No V Sl No.123	-1177.51	Note:- (240*264.06)/50=1267.49						
	Add Cement cost as per Issue rate	1267.49							
	Sub Total	**5511.98**							
	Area Weightage 6%	440.96							
	Total	**5952.93**							
6	KSRB 4.2.7: Providing and laying in position reinforced cement concrete cum of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1.4.6 Specification No. KBS 4.1, 4.6. Page No. 14, Item No. 4.12, PWD SR 2018-19								
	Colomn for Gate Grand Floor	Cum	2	0.45	0.45	2.90	1.17		

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	Colomn(First floor)		16	0.20	0.60	2.90	5.57	
	L/wall		2	24.15	0.15	0.15	1.09	
	Lintel Room 2,3,4,5 & 6		7	5.80	0.15	0.15	0.91	
	Lintel Room 1 East & west		2	5.50	0.15	0.15	0.25	
	Lintel b/n Room1 & 2		1	3.90	0.15	0.15	0.09	
	Lintel for Toilet wall		6	3.30	0.15	0.15	0.45	
	Staircase riser		1/2X19	1.05	0.15	0.25	0.37	
	Staircase Waist slab		2	3.20	1.05	0.15	1.01	
	Staircase landing		1	2.40	1.20	0.15	0.43	
	Beam L/wall		2	24.15	0.20	0.30	2.90	
	Beam Room 2,3,4,5 & 6		7	5.80	0.20	0.30	2.44	
	Beam Room 1 East & west		2	5.50	0.20	0.30	0.66	
	Beam b/n Room1 & 2		1	3.90	0.20	0.30	0.23	
	Roof First floor		1	7.60	24.15	0.15	27.53	
	Roof First floor		1	4.00	5.75	0.15	3.45	
	Head room beam		2	7.60	0.20	0.30	0.91	
	Head room beam		2	2.10	0.20	0.30	0.25	
	Head room Roof		1	2.40	7.60	0.15	2.74	
	Deduct Staicase Waist slab		1	2.10	4.20	0.15	-1.32	
							51.12	**6731.06**	**344088.59**
	Basic Rate	6045.00						
	add Lift charge for one floor	60.00						
	Deduct Cement cost as per SR -18-19	-1668.14	Note:- (340*490.63/100)=1668.14					
	Add Cement cost as per Issue rate	1795.61	Note:- (340*264.06/50)=1795.61					
	Sub Total	**6232.47**						
	Area Weightage 8%	498.60						
	Total	**6731.06**						
7	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation, loading unloading,etc.,complete as per the direction of engineer in charge- (Data Rate)							
	RCC Drain	**Sqm**	1	7.00	0.90		6.30	
							6.30	**2337.00**	**14723.10**
		Data Rate		**2337.00**				
8	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation, loading unloading,etc.,complete as per the direction of engineer in charge- (Data Rate)							
	RCC Culvert	**Sqm**	1	9.00	1.50		**13.50**	**5418.00**	**73143.00**
		Data Rate		**5418.00**				
9	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to JS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of all materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.54 **Page No. 27 / Item No. 5.27.2, PWD SR 2018-19 400x150x200mm**							
	Long wall		2	24.15		2.75	132.63	
	Wall Room 2,3,4,5 & 6		7	5.80		2.75	111.65	
	wall Room 1 East & west		2	5.50		2.75	30.25	
	wall b/n Room1 & 2		1	3.90		2.75	10.73	
	wall for Toilet wall		6	3.30		2.75	54.45	
	Head room L/wall		2	7.60		1.80	27.36	
	Head room S/wall		2	2.10		1.80	7.56	
	Parapet		2	24.15		0.90	43.47	
			2	11.30		0.90	20.34	
	Deduct							
	Colomn		16.00	0.60		2.75	-26.40	

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Door D									
D1		6	1.05		2.10	-13.23		
W1		6	0.90		2.10	-11.34		
W2		11	1.50		1.20	-19.80		
V		4	0.90		1.20	-4.32		
		6	0.90		0.60	-3.24		
				Net Qty	Total -	360.30	1070.03	385631.13
Basic Rate	953.00							
add lift charge for one floor	35.00							
Deduct Cement cost as per SR -18-19	-36.21	Note:- (7.38*490.63/100)=36.21						
Add Cement cost as per Issue rate	38.98	Note - (7.38*264.06/50)=38.98						
Sub Total	**990.77**							
Area Weightage 8%	79.26							
Total	**1070.03**							
10	KSRB 4.2.10 : **Providing and laying in position reinforced cement concrete of design mix M20** with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for **plain chajja of 7.5 cms. average thickness**, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 page No. 13, Item No. 4.19, PWD SR 2018-19								
out side Chejja W1	**Sqm**	6	1.80	0.60		6.48		
Out side Chejja W2 & V		10	1.20	0.60		7.20		
						13.68	**490.32**	**6707.54**
Basic Rate	440.00							
add lift charge for one floor	5.00							
Deduct Cement cost as per SR -18-19	-117.75	Note:- (24*490.63/100)=117.75						
Add Cement cost as per Issue rate	126.75	Note:- (24*264.06/50=126.75						
Sub Total	**454.00**							
Area Weightage 8%	36.32							
Total	**490.32**							
11	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 Page No. 17 / Item No. 4.46.2, PWD SR 2016-17								
	Tonne							
Consider 120 kg per cum of concrete item No 4 & 6		10.14	51.12					
(61.26 X 120) = 7351.2Kg i.e 7.35 T						**7.35**	**76643.28**	**563328.11**
Basic Rate	70,966.00							
Area Weightage 8%	5,677.28							
Total	**76643.28**							
12	***Providing and removing centering shuttering*** strutting propping etc., and removal of form work for **columns,** pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification Page No. 16 / Item No. 4.32, PWD SR 2018-19								
Column for gate	**Sqm**	2.00	1.80	2.90		10.44		
Column First floor		16	1.60	2.80		71.68		
Basic Rate	456.00					**82.12**	**492.48**	**40442.46**
Area Weightage 8%	36.48							
Total	**492.48**							

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13	KSRB 4-6.2 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **suspended floors, landings, balconies** and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level Specifications No KBS **4.29.3 page 16 PWD SR 2018-19**								
	Roof								
	Roof	Sqm	1	7.60	24.15		183.54		
	Roof side		1	4.00	5.75		23.00		
	Roof side		2	24.15	0.15		7.25		
	Staicase Waist slab		2	11.60	0.15		3.48		
	Staicase landing		2	3.20	1.05		6.72		
	Beam L/wall		1	2.10	1.20		2.52		
	Beam Room 2,3,4,5 & 6		2x2	24.15	0.30		29.98		
	Beam Room 1 East & west		2x7	7.20	0.30		30.24		
	Beam b/n Room1 & 2		2x2	5.50	0.30		6.60		
	Head room beam		2x1	3.90	0.30		2.34		
	Head room beam		2x2	7.60	0.30		9.12		
	Head room Roof		2x2	2.10	0.30		2.52		
	Head room Roof side		1	2.40	7.60		18.24		
	Head room Roof side		2	2.40	0.15		0.72		
	Deduct Staicase Waist slab area		2	7.20	0.15		2.16		
			1	2.10	4.20		-8.82		
	Basic Rate	580.00					319.61	626.40	200200.57
	Area Weightage 8%	46.40							
	Total	**626.40**							
14	KSRB 4-6.7 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams,**beam haunchings, cantilever girders, bressumers and lintels** not exceeding 1m in depth including cost of all materials, labour completeas per specifications. Specification No. KBS 4.34 page 17 PWD SR 2018-19								
	Lintel L/wall	**Sqm**	2x2	24.15		0.15	14.49		
	Lintel Room 2,3,4,5 & 6		7x2	5.80		0.15	12.18		
	Lintel Room 1 East & west		2x2	5.50		0.15	3.30		
	Lintel wall b/n Room1 & 2		1x2	3.90		0.15	1.17		
	Lintel for Toilet wall		6x2	3.30		0.15	5.94		
	Basic Rate	292.00					37.08	315.36	11693.55
	Area Weightage 8%	23.36							
	Total	**315.36**							
15	**Providing and removing centering shuttering** strutting propping etc., for **chejjas**, corbels etc., including edges including cost of all materials, labour complete as per specifications **Page No. 17 / Item No. 4.37, PWD SR 2018-19**								
	out side Chejja W1	**Sqm**	6	1.80	0.60		6.48		
	Out side Chejja W2 & V		10	1.20	0.60		7.20		
	Chajja side W1		6	3.00	0.08		1.35		
	Chajja side W2 & V		10	2.40	0.08		1.80		
	Basic Rate	323.00					16.83	348.84	5870.98
	Area Weightage 8%	25.84							
	Total	**348.84**							
16	**Providing Honne wood frames of doors, windows**, clerestory windows, ventilators and other frames wrought, framed of assembled including making plaster grooves (excluding cost of materials, labour, HOM of machineries complete as per specifications (P. No. 53/ I. No. 9.11 of PWD SR 2018-19)								

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	Door D	Cum	6x2	1.20	0.13	0.10	0.18		
	Door D		6x2	2.10	0.13	0.10	0.32		
	Door D1		6x1	0.90	0.13	0.08	0.05		
	Door D1		6x2	2.10	0.13	0.08	0.24		
							0.78	94612.32	73975.01
	Basic Rate	87604.00							
	Area Weightage 8%	7008.32							
	Total	94612.32							
17	**Providing and fixing in position fully panelled Honne wood shutters for doors**, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour,HOM of machineries completed as per specification (excluding cost of fixtures)Page No. 53, Item No. 9.15, PWD SR 2018-19								
	Door Shutter D	Sqm	6	0.90		2.00	10.80		
							10.80	5099.76	55077.41
	Basic Rate	4722.00							
	Area Weightage 8%	377.76							
	Total	5099.76							
18	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles &5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail oneither side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges. (P.No. 60, I.No. 9.83 of PWD SR 2018-19)								
	Bath door D1	Sqm	6	0.75	1.80		8.10	2999.16	24293.20
	Basic Rate	2777.00							
	Area Weightage 8%	222.16							
	Total	2999.16							
19	**Providing and fixing M.S. grill work for windows and ventilator** weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications(P.No. 34, I.No. 7.9 of PWD SR 2018-19)								
	Window Grill W1	Kg	11	1.50		1.20	19.80		
	Window Grill W2		4	0.90		1.20	4.32		
	Ventilator grill V		6	0.90		0.60	3.24		
							27.36		
	Consider 21 kg per one sqm			21.00	x	27.36	574.56	102.60	58949.86
	Basic Rate	95.00							
	Area Weightage 8%	7.60							
	Total	102.60							
20	Providing and fixing in position collapsible steel shutters Sqm with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint, cost of materials, labour, HOM of machinery complete as per specifications, size of gate 2.4mx1.4m Specification No. KBS 7.7 / 7.12 Page No. 33, Item No. 7.1, PWD SR 2018-19								
	At Terrace Head room	Sqm	1	2.10		2.40	5.04		
							5.04	5626.80	28359.07
	Basic Rate	5210.00							

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	Area Weightage 8%	416.80							
	Total	5626.80							
21	**Providing and fixing in position anodized alluminium windows and ventilators** as per approved drawings with sliding shutters using double track window frame section of size 122.2x31.75mm with 1.2mm thick, bottom section weight of 0.695 kg per m, sides and top section of 1.3mm thick weight of 0.659 kg per m and shutter comprising top and bottom section of size 40mmx18mm , 1.25mm thick of 0.417 kg per m shutter outer side 40mmx18mm, 1.25mm thick weight of 0.417 kg per m, shutter interlock section 40mmx 26.7mm , 1.1mm thick, wieght of 0.469 kg per m the shutter mounted on nylon roller with approved quality of fixture such as alluminium tower bolts etc., and providing and fixing 5.5mm thick plain glass of shutter fitted with rubber beading alluminium section anodized 12 to 15 microns including cutting to required length, joints mitred sub dividing the frame tenonned revited in the assembled frame stiffened with end clips at corners angles etc., and fixed to walls, lintles, floor beams or cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, alluminium section pre treated for removal of any rust and coated with greesy or non adhesion of motor and other sticky materials (this coating should be cleaned after installation) including cost of all materials , fixtures labour and HOM at machinary complete as per specificaions **(Page No 35. item No. 7.10.2) SR 2018-19**									
	Ground floor								
	V	Sqm	1	2.40		0.60	1.44		
	V1		6	1.80		0.60	6.48		
	First Floor								
	W1		11	1.50		1.20	19.80		
	W2		4	0.90		1.20	4.32		
	V		6	0.90		0.60	3.24		
							35.28	**4725.00**	**166698.00**
	Basic Rate	4375.00							
	Area Weightage 8%	350.00							
	Total	**4725.00**							
22	**Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling** including rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification . **Page No. 114, Item No. 15.21 of PWD SR 2018-19**								
	Ceiling	**Sqm**							
	Room1		1	4.15	3.90		16.19		
	Room2		1	6.95	3.90		27.11		
	Room3		1	5.80	3.90		22.62		
	Room4		1	5.80	4.45		25.81		
	Room5		1	5.80	4.40		25.52		
	Room6		1	5.80	4.40		25.52		
	Staircase waist slab bottom		1	5.80	2.10		12.18		
	Head Room		1	7.45	2.10		15.65		
	Front Balcony (Passage)		1	19.90	1.50		29.85		
	Front Balcony (Passage)		1	4.00	1.50		6.00		
	Front Balcony Beam side		6x2	1.50	0.30		5.40		
							211.84	256.28	**54288.64**
	Basic Rate	235.00							
	Deduct Cement cost as per SR -18-19	-30.03	Note - morter 0.012*1*1=0.012 Cum/Sqm,						
	Add Cement cost as per Issue rate	32.32	Note.- (0.012*510*264.06/50)= 32.32						
	Sub Total	**237.29**							
	Area Weightage 8%	18.98							
	Total	**256.28**							

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23	**Providing 18mm thick cement plaster in single coat with cement mortar 1:3**, to brick masonry including rounding off corners wherever required smooth rendering providing and removing scaffolding, including cost of materials labour curing complete as per specifications(P.No. 112, I.No 15.15 of PWD SR 2018-19)									
	In side plastering	**Sqm**								
	Room1		1	16.10		3.20	51.52			
	Room2		1	21.70		3.20	69.44			
	Room3		1	19.40		3.20	62.08			
	Room4		1	20.50		3.20	65.60			
	Room5		1	20.40		3.20	65.28			
	Room6		1	20.40		3.20	65.28			
	Bath/ toilet		6	6.60		3.20	126.72			
	Deduction									
	D		1/2x6	1.05		2.10	-6.62			
	D1		6	0.90		2.10	-11.34			
	W1		1/2x9	1.50		1.20	-8.10			
	W2		1/2x4	0.90		1.20	-2.16			
	V		1/2x6	0.90		0.60	-1.62			
							476.08	301.80	143679.47	
	Basic Rate	276.00								
	Deduct Cement cost as per SR -18-19	-45.04	Note:- morter 0.018*1*1=0.018 Cum/Sqm, (0.018*510*490.63/100)= 45.04							
	Add Cement cost as per Issue rate	48.48	Note:- (0.018*510*264.06/50)= 48.48							
	Sub Total	**279.44**								
	Area Weightage 8%	22.36								
	Total	**301.80**								
24	**Providing lime rendering for plastering** to wall and ceiling, including cost of materials, labour,curing complete as per specifications **Page No. 115, Item No. 15.33, PWD SR 2018-19**									
		Sqm	(Qty vide Item No22 &23)				687.92			
				211.84	476.08		**687.92**	**34.56**	**23774.34**	
	Basic Rate	32.00								
	Area Weightage 8%	2.56								
	Total	**34.56**								
25	**Providing 20mm thick cement plaster in single coat** with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **(Page No116, Item No.(15.19 +15.25) PWD SR 2018-19**									
	OutSide	**Sqm**								
	L /wall		2	24.15		5.30	255.99			
	S /wall		2	11.60		5.30	122.96			
	Straicase inside & Head Room Inside		2	5.95		6.00	71.40			
	Head room out side		2	6.10		2.95	35.99			
	Deduction									
	D		1/2x6	1.05		2.10	-6.62			
	W1		1/2x11	1.50		1.20	-9.90			
	W2		1/2x4	0.90		1.20	-2.16			
	V		1/2x6	0.90		0.60	-1.62			
							466.04	**304.37**	**141848.55**	
	Basic Rate	271.00								
	add for water proofing	7.00								

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	Deduct Cement cost as per SR -18-19	-50.04	Note:- morter 0.020*1*1=0.020 Cum/Sqm, (0.020*510*490.63/100)= 50.04							
	Add Cement cost as per Issue rate	53.87	Note:- (0.020*510*264.06/50)= 53.87							
	Sub Total	281.82								
	Area Weightage 8%	22.55								
	Total	**304.37**								
26	Providing and laying flooring using **prepolished, water cut/gang saw 19mm thick granite** laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - **using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 1200mm (P.No.109, I.No.14.47.1 of PWD SR 2018-19)**									
	Ground floor	**Sqm**								
	Kitchen		1	13.40	5.70		76.38			
	Passage		1	19.00	6.50		123.50			
	Floor at Straicase		1	2.10	5.90		12.39			
	Step at passage (riser)		1	7.00	0.15		1.05			
	Staircase riser		20	1.05	0.15		3.15			
	Staircase tread		19	0.30	1.05		5.99			
	Landing		1	2.10	1.05		2.21			
	First floor									
	Room1		1	4.15	3.90		16.19			
	Room2		1	4.25	3.90		16.58			
	In front off toilet		1	2.70	1.65		4.46			
	Room3		1	4.45	3.90		17.36			
	In front off toilet		1	1.35	1.65		2.23			
	Room4		1	4.45	4.45		19.80			
	In front off toilet		1	1.35	2.20		2.97			
	Room 5 & 6		2	4.45	4.40		39.16			
	In front off toilet room 5 & 6		2	1.35	2.15		5.81			
	Staircase riser		20	1.05	0.15		3.15			
	Staircase tread		19	0.30	1.05		5.99			
	Landing		1	2.10	1.05		2.21			
	Balcony		1	19.90	1.45		28.86			
	Balcony		1	4.00	1.55		6.20			
	at str		1	1.30	2.10		2.73			
	Skirting Room 1		1	14.20	0.10		1.42			
	Skirting Room 2		1	19.80	0.10		1.98			
	Skirting Room 3		1	16.60	0.10		1.66			
	Skirting Room 4		1	18.60	0.10		1.86			
	Skirting Room 5		1	18.50	0.10		1.85			
	Skirting Room 6		1	18.50	0.10		1.85			
	Basic Rate	2739.00					408.94	2961.20	1210951.97	
	Deduct Cement cost as per SR -18-19	-37.29	Note:- morter 0.020*1*1=0.020 Cum/Sqm, (0.020*380*490.63/100)= 37.29							
	Add Cement cost as per Issue rate	40.14	Note:- (0.020*380*264.06/50)= 40.14							
	Sub Total	**2741.85**								
	Area Weightage 8%	219.35								
	Total	**2961.20**								

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27	**Providing and laying integral cement based water proofing treatment** including preparation of surface as required for treatment of roofs, balconies terraces etc., consisting of following applications a) applying and grouting a slurry coat of neat cement using 2.75 kg per sqm of cement admixed with proprietary water proofing compound confirming to IS 2645 over the RCC slab after cleaning the surface before treatment b)laying cement concrete using broken brick bats 25mm to 100mmsize with 50% of cement mortar 1:5 admix with propreatory water proofing compound confirming IS 2645 over 20mm thick layer of cement mortar 1:5 admix with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs c)after two days of proper curing applying a second coat of cement slurry admix with preprietoray water proofing compound d) finishing the surface with 20mm joint less cement mortar of mix 1:4 admix with preprietary water proofing compond wall finally finishing the surface with travel and neat cement slurry and making of 300 x 300 mm square e the whole terrace so finished shall be flooded with water for a minimum period of two weeks curing and final test including cost of materials labour complete as per specifications **Page No. 68, Item No. 10.2 of PWD SR 2018-19**									
		Sqm	1	7.30		23.85	174.11		
			1	4.00		5.45	21.80		
							195.91	**1099.50**	**215398.49**
	Basic Rate	1006.00							
	Deduct Cement cost as per SR -18-19	-157.98	cement Slurry 2.75*490.63/100=13.49 CC with 50%CM 1:5 average thick 75mm, 0.075*310*490.63/100=114.07, 20 mm thick CM 1:5, 0.020*310*490.63/100=30.42						
	Add Cement cost as per Issue rate	170.04	cement Slurry 2.75*264.06/50=14.52 CC with 50%CM 1:5 average thick 75mm, 0.075*310*264.06/50=122.78, 20 mm thick CM 1:5, 0.020*310*264.06/50=32.74						
	Sub Total	1018.06							
	Area Weightage 8%	81.44							
	Total	**1099.50**							
28	Providing and fixing on wall surface 4.0kg/Sq.cm **H.D.P.E. rain down water pipes 90mm outer dia approved** make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specification Page No. 49 / Item No. 8.18, PWD SR 2018-19								
	Rain water pipe	**m**	6	7.00			42.00		
							42.00	**414.46**	**17407.32**
	Basic Rate	391.00							
	Area Weightage 6%	23.46							
	Total	**414.46**							
29	KSRB13-9 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flangecompression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications.13.73.6 KSRB 13-8.9 : -do-140 mm dia m 741.0								
	For Rain water harvesting	**m**	1	65.00			65.00		
							65.00	**785.46**	**51054.90**
	Basic Rate	741.00							
	Area Weightage 6%	44.46							
	Total	**785.46**							

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30	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 445mm with integral type footrests,100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I I M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 Page No. 79 / Item No. 12.2, PWD SR 2018-19								
	Ground floor	Pan	6				6.00		
							6.00	4561.92	27371.52
	Basic Rate	4224.00							
	Area Weightage 8%	337.92							
	Total	4561.92							
31	KSRB 11-5 : Providing and fixing white vitreous china clay, **water closet European type (Pedestal type, P-trap) with black solid plastic seat** and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 **(P 79 It 12.5) PWD SR 2018-19**								
	First floor	No	6				6.00		
							6.00	5352.48	32114.88
	Basic Rate	4,956.00							
	Area Weightage 8%	396.48							
	Total	5352.48							
32	Providing and fixing white vitreous china clay flat back **wash basin size 630x450mm with a** single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications **(P.No. 83, I.No. 12.24 of PWD SR 2018-19)**								
	First floor	No's	6				6.00		
							6.00	3400.92	20405.52
	Basic Rate	3149.00							
	Area Weightage 8%	251.92							
	Total	3400.92							
33	Providing and fixing white vitreaus **china clay, flat back, lipped front urinal basin of 430x260x350mm** with 5 litre PVC automatic flushing cistren, C.I./M.S bracket, standard flush pipe and c.P. brass spreaders with brass union and G.I.Clamp Complete painting of fitting and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specification **(Page No. 80, Item No. 12.7) PWD SR 2018-19**								
	Ground floor	No's	6				6.00		
							6.00	3317.76	19906.56
	Basic Rate	3072.00							
	Area Weightage 8%	245.76							
	Total	3317.76							
34	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x45 cms 6mm thick with border of size 30 x 10 cms.(Page No. 108, Item No. 14.41.2) PWD SR 2018-19								
	Ground floor Kitchen L/wall	Sqm	2	13.40		1.50	40.20		
	Ground floor Kitchen S/wall		2	5.70		1.50	17.10		
	Deduct opening		1	4.45		1.50	-6.68		
	First floor								

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	Toilets wall		6	6.60		2.40	95.04		
	Deduct D1		6	0.90		2.10	-11.34		
	Deduct V		6	0.90		0.60	-3.24		
							131.09	1764.62	231315.86
	Basic Rate	1632.00							
	Deduct Cement cost as per SR -18-19	-25.02	Note:- morter 0.010*1*1=0.010 Cum/Sqm, (0.010*510*490.63/100)= 25.02						
	Add Cement cost as per Issue rate	26.93	Note:- (0.010*510*264.06/50)= 26.93						
	Sub Total	**1633.91**							
	Area Weightage 8%	130.71							
	Total	**1764.62**							
35	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. Ceramic tiles 30x30 cm Page no 108, Item no 14.36.2 (S R 2018-19)								
	First floor toilet Flooring	**Sqm**	6	1.20		2.10	15.12		
							15.12	1309.28	**19796.28**
	Basic Rate	1210.00							
	Deduct Cement cost as per SR -18-19	-30.03	Note:- morter 0.012*1*1=0.012 Cum/Sqm, (0.012*510*490.63/100)= 30.03						
	Add Cement cost as per Issue rate	32.32	Note:- (0.012*510*264.06/50)= 32.32						
	Sub Total	**1212.29**							
	Area Weightage 8%	96.98							
	Total	**1309.28**							
36	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 90, I.No. 12.111 of PWD SR 2018-19)								
	Ground floor	**Each**	18				18.00		
	First floor		6				6.00		
							24.00	**162.00**	**3888.00**
	Basic Rate	150.00							
	Area Weightage 8%	12.00							
	Total	**162.00**							
37	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms p 90, I No 12.113.1 SR 2018-19								
	Ground floor	**Each**	6				6.00		
	First floor		6				6.00		
							12.00	**270.00**	**3240.00**
	Basic Rate	250.00							
	Area Weightage 8%	20.00							
	Total	**270.00**							
38	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.No.98, I.No. 13.86.3 of PWD SR 2018-19)								
	G, Floor and First Floor	**m**	1	60.00			60.00		

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								60.00	316.44	18986.40
	Basic Rate	293.00								
	Area Weightage 8%	23.44								
	Total	**316.44**								
39	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 32mm nominal OD pipes (P.No.98, I.No. 13.86.4 of PWD SR 2018-19)									
	Sump to over head tank (Motar line)	m	1	25.00			25.00			
							25.00	**403.92**	**10098.00**	
	Basic Rate	374.00								
	Area Weightage 8%	29.92								
	Total	**403.92**								
40	KSRB 13-6 1 . Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.21 13.3, P93, I No 13.23, SR 2018-19									
	G, Floor and First Floor	**Each**	35				35.00			
							35.00	**205.20**	**7182.00**	
	Basic Rate	190.00								
	Area Weightage 8%	15.20								
	Total	**205.20**								
41	**providing and fixing in position brass gate valve** with C.I. Wheel of approved quality (Screwed end) 20mm nominal bore including cost of all materials labour and HOM of Equipments with all lead complete as per specificatins**(P.No. 93, I.No. 13.33 of PWD SR 2018-19)**									
	G, Floor and First Floor	**Each**	22				22.00			
							22.00	**362.88**	**7983.36**	
	Basic Rate	336.00								
	Area Weightage 8%	26.88								
	Total	**362.88**								
42	KSRB 11-14 : Providing and fixing stainless steel kitchen sink of bowl depth 178mm, with drain board, M.S / C.I brackets, stainless steel plug 40 mm, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. KSRB 11-14.1 : - do - of size 510 x 1040 mm P.No.84. I-No 12.3.6									
	G, Floor Hand wash	**No's**	4				4.00			
							4.00	**15394.32**	**61577.28**	
	Basic Rate	14254.00								
	Area Weightage 8%	1140.32								
	Total	**15394.32**								
43	KSRB13-6.2 : Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2113.3 13.261 5 mm dia nominal bore. P 93 Item No 13.27 S R 2018-19									
	First floor toilet	**No's**	6				6.00			
							6.00	**152.28**	**913.68**	
	Basic Rate	141.00								
	Area Weightage 8%	11.28								
	Total	**152.28**								

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	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. - for 32mm dia 13.81.1 P 97 SR 2018-19								
	At over head tank	Each	4				4.00		
							4.00	129.60	518.40
	Basic Rate	120.00							
	Area Weightage 8%	9.60							
	Total	**129.60**							
45	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No. ~~747~~ 75 I.No.11.50.2 of PWD SR 2018-19)								
		Nos	10				10.00		
							10.00	**9169.20**	**91692.00**
	Basic Rate	8490.00							
	Area Weightage 8%	679.20							
	Total	**9169.20**							
46	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22 Page No. 96, Item No. 13.78, PWD SR 2018-19								
		Nos	2.00				2.00		
							2.00	**7374.24**	**14748.48**
	Basic Rate	6,828.00							
	Area Weightage 8%	546.24							
	Total	**7374.24**							
47	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with primer Page no 119, Item No 15.51.2, PWD SR 2018-19								
	Ground Floor	**Sqm**							
	Store ceiling		1	5.70	3.90		22.23		
	Store L/wall		2	5.70		1.20	13.68		
	Store S/ wall		2	3.90		1.20	9.36		
	Store Inside Chajja		2	5.70		0.60	6.84		
	Store Inside Chajja		2	3.30		0.60	3.96		
	Gends & Ladies Toilet ceiling		2	5.70	3.90		44.46		
	Gends Toilet wall		2	5.70		0.90	10.26		
	Gends Toilet wall		2	3.90		0.90	7.02		
	Ladies toilet wall		2	5.70		0.90	10.26		
	Ladies toilet wall		2	3.90		0.90	7.02		
	Kitchen Ceiling		1	13.40		5.70	76.38		
	Kitchen L/wall		2	13.40		1.80	48.24		

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	Kitchen S/wall		2	5.70		1.80	20.52		
	Kitchen L/beam side		1X2	13.70		0.30	8.22		
	Kitchen S/beam side		2x2	5.70		0.30	6.84		
	Balcony ceiling		1	19.90		1.50	119.40		
	Balcony ceiling		1	4.00		1.50	24.00		
	Deduct								
	V		1	2.40		0.60	-5.76		
	V1		6	1.80		0.60	-25.92		
	FIRST FLOOR								
	Qty Same as Item No 22 & 23			211.84	476.08		687.92		
							1094.93	97.20	106426.71
	Basic Rate	90.00							
	Area Weightage 8%	7.20							
	Total	97.20							
48	Providing and finishing external walls in two coatswith waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications with primer Page no 120, Item No 15.53.2, PWD SR 2018-19								
	GROUNR FLOOR								
	L/wall	Sqm	2	24.15	3.45		166.64		
	S/wall		2	11.60	3.45		80.04		
	Deduction D		1/2x3	1.05	2.10		-3.30		
	V		1/2x1	2.40	0.60		-0.60		
	V1		1/2x6	1.80	0.60		-3.24		
	FIRST FLOOR		Qty vide item No.25				466.04		
							705.58	110.16	77726.14
	Basic Rate	102.00							
	Area Weightage 8%	8.16							
	Total	110.16							
49	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios (P.No. 121, LNo. 15.59 of SR 2018-19).								
	GROUNR FLOOR	Sqm							
	D		3	2.25	1.05	2.10	14.88		
	D1		8	2.25	0.90	2.10	34.02		
	FIRST FLOOR								
	D		6	2.25	1.05	2.10	29.77		
	D1		6	2.25	0.90	2.10	25.52		
	Basic Rate	50.00					55.28	54.00	2985.25
	Area Weightage 8%	4.00							
	Total	54.00							
50	Providing and applying painting two coats (excluding priming coat) on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (P.No. 121, LNo. 15.60.1 of SR 2018-19).								
	G Floor & first Floor	Sqm	Qty vide item No.49				55.28		
							55.28	104.76	5791.39
	Basic Rate	97.00							
	Area Weightage 8%	7.76							
	Total	104.76							

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51	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications 123, I No 15.73 SR 2018-19								
	G.Floor & first Floor								
	Qty vide item No.19 & 20	Sqm		27.36	5.04		32.40		
							32.40	**44.28**	**1434.67**
	Basic Rate	41.00							
	Area Weightage 8%	3.28							
	Total	**44.28**							
52	KSRB 15-18.2: Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. P 123, I No 15.74 SR 2018-19								
	G.Floor & first Floor								
	Qty vide item No.51	Sqm					**32.40**		
							32.40	**102.60**	**3324.24**
	Basic Rate	95.00							
	Area Weightage 8%	7.60							
	Total	**102.60**							
53	KSRB13-9.7 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9.(page 96, Item No 13.73.5) SR 2018-19								
	Ground floor sanitory/Toilet	RMt	8	3.00			24.00		
	First Floor sanitory /Toilet		6	5.00			30.00		
							54.00	**642.60**	**34700.40**
	Basic Rate	595.00							
	Area Weightage 8%	47.60							
	Total	**642.60**							
54	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate). DATA RATE								
	Entrance Gate	**Sqm**	1	5.45		3.20	17.44		
							17.44	**12475.03**	**217564.52**
55	Rectangalur shape mirror of size 1500x450mm with plastic moulded frame Page xxvi Item No 680)								
	Ground floor	Nos	4.00				4.00		
	First Floor		6				6.00		
	Basic Rate	932.20					**10.00**	**1006.78**	**10067.76**
	Area Weightage 8%	74.58							
	Total	**1006.78**							

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56	Providing and fixing self-supported, ribbed, high quality, high grade (D 350 MPAYst Min), pre-painted Galvalume steel roof sheet, coated with bare Galvalume coating AZ 150, @150 gms/Sm(g 55%AL,45%Zn) by hot dip process , of total coated thickness as specified for different spans with a tolerance of+/- 0.02 mm, according to technical specification confirming to A 792, with NCCA11-1, or ECCAT4 Pencil hardness HB, NCCA standard T-Bend test. The roof should be fastened to the gutter beam, on the external sloping side, at an interval of 51mm Centre to Centre, to a depth of 65 mm with GI anchor bolts and neoprene washers & subjecting the gutter beam to Schmidt, Hammer test to ensure the anchorage of the anchor bolts. The self-supported roofing system should be designed to with stand the wind load (As per IS 875 part-3) & Earthquake load (as per IS 1893) & the design should also comply with any other technical requirements such as turbo ventilators of 0.60 mts. dia and skylights of size 4.26 x 0.60 mts. fixed one in each row @ 10.00 Mtr C/C along the length & hangers for electrical fixtures as per the requirements including cost of all materials &labour for erection, all lead and lift, loading and unloading, HOM of machineries etc., complete as per the standard detailed technical specification, design and directions of the engineer in charge of the work. P 311, It No 38.46.1 SR 2018-19								
		Sqm	1	20.50		6.00	123.00		
							123.00	1684.80	207230.40
	Basic Rate	1560.00							
	Area Weightage 8%	124.80							
	Total	**1684.80**							
57	Fabrication supplying and erecting M.S. tubular trusses of all spans as quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification P43, it No *7.29 SR 2018-19*								
	Steel tube -200mmx100mmx3mm	Kg	6	5.60			33.60		
				13.85kg/m			465.36		
	Steel tube -1500mmx100mmx2mm		4	19.80			**79.20**		
				9.66kg/m			**765.07**		
							1230.43	119.88	147504.19
	Basic Rate	111.00							
	Area Weightage 8%	8.88							
	Total	**119.88**							
58	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of and electrical charges, etc., complete as per specifications.P 45, It No 7.38, SR 2018-19								
	S S railing for Straicase Ground & first floor	**Sqm**	1	17.00		1.00	**17.00**		
							17.00	**6502.68**	**110545.56**
	Basic Rate	6021.00							
	Area Weightage 8%	481.68							
	Total	**6502.68**							

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59	Manufacturing, supplying and fixing wooden ward robe of 0.60m deep using 19mm thick vinyl bonded water proof block board, shutters allround ward robe, lockable drawers with sliding channels, cupboard drapery hangers, curtain rods with end brackets, openable shutters with 19mm x 6mm thick plain teak wood beading, lipping 1.5mm thick commercial ply vertical support finished in approved 1 mm lamination sheet of approved colour, shade and quality on all exposed surfaces, inner surface painted with 2 coats of white synthetic enamel paint over 2 coats of Patti, one coat of wood primer, including cost of brass fittings, parliamentary hinges, C handles, tower bolts, magnetic catches, approved brand lock, adhesives, synthetic resins, nails, screws etc., complete including cost of all materials, labour charges, complete as per specification P 324, It no 39 3, SR2018-19								
	First floor Rooms	Sqm	6	1.25		2.10	15.75		
							15.75	11612.16	182891.52
	Basic Rate	10752.00							
	Area Weightage 8%	860.16							
	Total	11612.16							
60	KSRB 12-1.1, Providing and laying in position to required level or slope 230mm internal diameter salt glazed stone ware pipe grade A and jolting with stiff mixture of cement mortar in 1:1 testing of pipes and jolting, including cost of materials, labour charges complete as per specification No KBS 12.2.5/12.7 (page No 72, Item No.11.4, PW, P& IWTD SR 2018-19)								
		Rmt	1	50.00			55.00		
							55.00	568.16	31248.80
	Basic Rate	536.00							
	Area Weightage 6%	32.16							
	Total	568.16							
61	Providing electrical works	LS							75000.00
									6151250.94
							Total Construction Cost		6151250.94
								GST 12%	738150.11
								Add 3% KRIDL	184537.53
								Add cess 1%	61512.51
								PMC charges 1%	61512.51
								Sub Total	7196963.60
								Add for unforseen work	3036.40
								Grand Total	7200000.00
	(Rupees Seventy Two Lakhs Only)								

Technically Sanctioned for Rs. ... Seventy two Lakhs only
Rs in Words
Under P (02) Works, Asst Exec Engr Shettyhalli Sub Div
Jea Code No. 13-30-000-04-2
Registered at SE No. 01/19-20/Shettyhalli
to conditions contained in Enclosed Memo
No. DyCommr/Asst Dir/Tech Sa... Dt. 21/10/2019
AE / JE TA

CERTIFICATE

1. Certified that the Estimate is prepared as per the PWD CSR 2018-19 (and Issue Rate) Bangalore Circle
2. The Provision made in estimate are adequate and essential
3. The Work spot has been inspected and the work found to be necessary
4. The Work was not taken up and not Proposed in any other Grants
5. This area comes under BBMP limits
6. ಸದರಿ ಕೃಪದಲ್ಲಿ ಸಂಖ್ಯೆ ಸಂಖ್ಯೆ ಮೇರೆಗೆ ಪ್ರಸ್ತಾಪಿಸಿರುವ ಕಾಮಗಾರಿಯು ಸಂಬಂಧಪಟ್ಟ ಕಡತದಲ್ಲಿ ಅಳವಡಿಸಿರುವ ಅಂದಾಜಿನಂತೆ ಇರುತ್ತದೆ.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ADMINISTRATIVELY SANCTIONED FOR Rs.
(Rupees. Seventy two lakh (Rupees Seventy two lakh only)
Under the Head of Account. P.0.224. Bangalore
to. Children of P.T.I. Laggere
Malleswaram
Registered as SE No. 166/19-20 Subject
to conditions contained in Enclosed Memo
No. EE/DP/AE/166/19-20 Dt. 30/10/2019

JE/AE, (DASARAHA
Exe Engr
30/10/19

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